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What is claimed is:

1. An adjustable assembly for a cargo box cover for use on a cargo box having upwardly extending left and right side walls, a front wall and a rear end gate wall, said walls defining the boundaries of the cargo box, the cargo box cover having a left and right rail connected to said left and right side wall, an elongate tensioning rail having a left and right end said tensioning rail extending from said left rail to said right rail and further having a cover fixedly attached along said tensioning rail, said adjustable assembly comprising:

- a left and right block means connected to said left and right rail;
- a left and right attachment block means connected to said left and right end of said tensioning rail; and
- an adjustable connection means for connecting said tensioning rail to said left and right rail.

2. An adjustable assembly as in claim 1 wherein each of said left and right block means connected to said left and right rail comprises a front and rear block section connected to a base block section so as to define a space between said front and rear block section, said front and rear block sections further defining a hole in an aligned orientation so as to pass through said front and rear block section across said space between said front and rear block sections.

3. An adjustable assembly as in claim 2 wherein each of said left and right attachment block means comprises an attachment block section having an elongate threaded tension screw fixedly attached to said attachment block section and extending through said front and rear block sections spanning said space between said front and rear block section.

4. An adjustable assembly as in claim 3 further comprising a screw adjustment knob between said front and rear block section defining an inner threaded hole for receiving said threaded tension screw.

5 5. An adjustable assembly as in claim 4 further comprising a graduated measuring scale on said left and right rail so as to accurately adjust said left and right side of said tensioning rail in respect to said left and right rail.

6. An adjustable assembly as in claim 5 wherein said hole
10 defined by said front and rear block sections is of a larger diameter than said threaded tension screw.

7. An adjustable assembly as in claim 1 wherein said left and right block means is fixedly connected to said left and right end of said tensioning rail and said left and right
15 attachment block means is fixedly connected to said left and right rail.

8. An adjustable cover for a cargo box that comprises upwardly extending left and right side walls, a front wall and a rear end gate wall said walls defining the boundaries of the
20 cargo box, the adjustable cover assembly comprising:

a left and right rail connected to said left and right side wall;

an elongate tensioning rail having a left and right end said
25 tensioning rail extending from said left rail to said right rail;

a left and right block means connected to said left and right rail;

a left and right attachment block means connected to said
30 left and right end of said tensioning rail; and

an adjustable connection means for connecting said tensioning rail to said left and right rail.

9. An adjustable cover for a cargo box as in claim 8
35 wherein each of said left and right block means connected to said left and right rail comprises a front and rear block section connected to a base block section so as to define a space between said front and rear block section, said front and rear block sections further defining a hole in an aligned
40 orientation so as to pass through said front and rear block section across said space between said front and rear block sections.

10. An adjustable cover for a cargo box as in claim 9 wherein each of said left and right attachment block means
45 comprises an attachment block section having an elongate threaded tension screw fixedly attached to said attachment block section and extending through said front and rear block sections spanning said space between said front and rear block section.

11. An adjustable cover for a cargo box as in claim 10
50 further comprising a screw adjustment knob between said front and rear block section defining an inner threaded hole for receiving said threaded tension screw.

12. An adjustable cover for a cargo box as in claim 11
55 further comprising a graduated measuring scale on said left and right rail so as to accurately adjust said left and right side of said tensioning rail in respect to said left and right rail.

13. An adjustable cover for a cargo box as in claim 12 wherein said hole defined by said front and rear block sections is of a larger diameter than said threaded tension
60 screw.

14. An adjustable cover for a cargo box as in claim 8
65 wherein said left and right block means is fixedly connected to said left and right end of said tensioning rail, and said left and right attachment block means is fixedly connected to said left and right rail.

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15. (New) An adjustable
assembly for a tonneau cover used
to cover a pickup truck cargo box,
the cargo box having a plurality of
5 upwardly extending walls, said
plurality of upwardly extending walls
including left and right side walls, a
front wall and a rear end gate wall,
said plurality of upwardly extending
10 walls at least partially defining an
interior compartment of the cargo
box, the adjustable assembly
comprising:
- 15 left and right side rails connected to
said left and right side walls,
respectively;
- 20 an elongate tensioning rail having
left and right ends, said tensioning
rail extending from the left side rail
to the right side rail, the tonneau
cover attached to the tensioning rail;
- 25 left and right side rail attachment
bracket mechanisms connected to
said left and right side rails,
respectively; and
- 30 left and right tensioning rail
attachment members engaged with
said tensioning rail; wherein each of
said left and right side rail
attachment bracket mechanisms
35 include a threaded screw member,
and each of the threaded screw
members are positioned and
arranged such that a force can be
placed on the elongate tensioning
40 rail by each of the threaded screw
members as said screw member is
adjustably manipulated to drive the
tensioning rail away from the
respective attachment bracket
45 mechanism, thereby placing greater
tension on the tonneau cover.

16. (New) The adjustable assembly of claim 15, wherein the tensioning rail includes a tensioning rail attachment chamber and each of said left and right tensioning rail attachment members is engaged within the tensioning rail attachment chamber.

17. (New) The adjustable assembly of claim 16, wherein each of said left and right tensioning rail attachment members extends below the side rail with which it is engaged such that the tensioning rail is restrained from being lifted away from the respective side rails when the attachment members are engaged with the respective side rails.

18. (New) The adjustable assembly of claim 15, wherein each of the pair of threaded screw members is engaged in coaxially aligned, reciprocally threaded openings in each of the respective side rail attachment bracket mechanisms.

19. (New) An adjustable cover assembly for a cargo box, the cargo box including upwardly extending left and right side walls, a front wall and a rear end gate wall, the adjustable cover assembly comprising:

left and right side rails connected to said left and right side walls, respectively;

a tonneau cover having forward and rearward ends;

an elongate tensioning rail having
left and right ends, said elongate
tensioning rail extending from said
left side rail to said right side rail, the
5 forward end of the tonneau cover
being secured to the elongate
tensioning rail;

10 left and right side rail attachment
bracket mechanisms connected with
said left and right side rails,
respectively; and

15 left and right tensioning rail
attachment members engaged with
said tensioning rail; wherein each of
said left and right side rail
attachment bracket mechanisms
20 include a threaded screw member,
and each of the threaded screw
members are positioned and
arranged such that a force can be
placed on the elongate tensioning
rail by each of the threaded screw
25 members as said screw member is
adjustably manipulated to drive the
tensioning rail away from the
respective attachment bracket,
thereby placing greater tension on
30 the tonneau cover.

20. (New) The adjustable
assembly of claim 19, wherein the
tensioning rail includes a tensioning
35 rail attachment chamber and each
of said left and right tensioning rail
attachment members is engaged
within the tensioning rail attachment
chamber.

40 21. (New) The adjustable
assembly of claim 20, wherein each
of said left and right tensioning rail
attachment members extends below
45 the side rail with which it is engaged
such that the tensioning rail is

restrained from being lifted away
from the respective side rails when
the attachment members are
engaged with the respective side
5 rails.

22. (New) The adjustable
assembly of claim 19, wherein each
of the pair of threaded screw
10 members is engaged in coaxially
aligned, reciprocally threaded
openings in each of the respective
side rail attachment bracket
mechanisms.

23. (New) An apparatus for
varying the position of an end rail of
a tonneau cover attachment frame
used to secure a tonneau cover to a
20 pickup truck cargo box, the
attachment frame including at least
one end rail and opposing left and
right side rails, the tonneau cover
being secured to the end rail, the
25 apparatus comprising:

a first adjustment block
mechanism, the first adjustment
block mechanism being attached to
one of said side rails; and
30 a first tensioning screw, the
first tensioning screw operatively
connected to the first adjustment
block mechanism and movable with
respect thereto, with the first
35 tensioning screw configured and
arranged to operatively contact the
end rail; wherein movement of the
first tensioning screw with respect to
the first adjustment block
40 mechanism, in a direction toward
the end rail, varies the position of
the end rail with respect to the
respective side rail.

24. (New) The apparatus of claim
23, wherein the first tensioning

5 screw is movable in a direction
generally parallel to the side rail and
wherein the end rail is slidingly
engaged with the opposing left and
right side rails and movable with
respect thereto in a generally
orthogonal, constrained manner.

10 25. (New) The apparatus of claim
23, further comprising a second
adjustment block mechanism, the
adjustment block mechanism being
attached to the other of said left and
right side rails, and
15 a second tensioning screw,
the second tensioning screw
operatively connected to the second
adjustment block mechanism and
movable with respect thereto, with
20 the second tensioning screw
configured and arranged to
operatively contact the end rail;
wherein movement of the second
tensioning screw with respect to the
25 second adjustment block
mechanism, in a direction toward
the end rail, varies the position of
the end rail with respect to the other
side rail.

30 26. (New) The apparatus of claim
25, wherein the second tensioning
screw is movable in a direction
generally parallel to the side rail.

35 27. (New) An apparatus for
shifting the position of a slideable
end rail of a tonneau cover
attachment frame that includes at
40 least one end rail and parallel left
and right side rails, the tonneau
cover being attached to the end rail,
wherein the end rail is slidingly
connected to the parallel left and
45 right side rails and movable with
respect thereto in a generally

orthogonal, constrained manner, the apparatus comprising:

5 a first adjustment block
mechanism, the first adjustment
block mounted to the left side rail
and configured to operably contact
the end rail and, upon manipulation
10 thereof, shift the position of the end
rail with respect to the left side rail in
a direction away from the first
adjustment block mechanism; and,

15 a second adjustment block
mechanism, the second adjustment
block mounted to the right side rail
and configured to operably contact
the end rail and, upon manipulation
20 thereof, shift the position of the end
rail with respect to the right side rail
in a direction away from the second
adjustment block mechanism.

28. (New) A shifting apparatus
25 which operatively contacts an end
rail of a tonneau cover frame for
attaching a tonneau cover to a
cargo box of a pickup truck, the
tonneau cover frame having parallel
30 left and right side rails and an end
rail, the tonneau cover being
attached to the end rail, the
apparatus comprising:

35 a first adjustment block
mechanism, the first adjustment
block attachably mounted to the left
side rail and configured to operably
contact the end rail and, upon
40 manipulation thereof, shift the
position of the end rail with respect
to the left side rail; and,

45 a second adjustment block
mechanism, the second adjustment
block attachably mounted to the

right side rail and configured to
operably contact the end rail and,
upon manipulation thereof, shift the
position of the end rail with respect
5 to the right side rail wherein the end
rail is slidingly engaged with the
parallel left and right side rails and
movable with respect thereto in a
constrained manner.

10 29. (New) The shifting apparatus
of Claim 28, wherein each of the
first and second adjustment block
mechanisms include a threaded
15 screw members that is positioned
and arranged such that a force can
be placed on the end rail by each of
the threaded screw members as
said screw member is adjustably
20 manipulated to drive the end rail
away from the respective
adjustment block mechanism,
thereby placing greater tension on
the tonneau cover.

25 30. (New) An adjustable
assembly for a tonneau cover used
to cover a pickup truck cargo box
30 having a plurality of upwardly
extending walls, said plurality of
upwardly extending walls including
left and right side walls, a front wall
and a rear end gate wall, said
35 plurality of upwardly extending walls
at least partially defining an interior
compartment of the cargo box, the
adjustable assembly comprising:

40 left and right side rails connected to
said left and right walls,
respectively;

45 an elongate tensioning rail having
left and right ends, said elongate
tensioning rail extending from said

left side rail to said right side rail, the
tonneau cover being attached to the
elongate tensioning rail;

- 5 left and right side rail attachment
block mechanisms connected to
said left and right side rails,
respectively; and
- 10 left and right tensioning rail
attachment blocks engaged with
said left and right ends of said
elongate tensioning rail,
respectively, and each slidingly
- 15 engaging the respective side rail
proximate the respective ends of the
elongate tensioning rail such that
the elongate tensioning rail is
slidingly engaged with the opposing
- 20 left and right side rails and movable
with respect thereto in a generally
orthogonal, constrained manner ;
wherein the left and right side rail
attachment block mechanisms
- 25 include left and right screw
members adjustably contacting said
tensioning rail.
31. (New) A method of
- 30 maintaining an appropriate tension
on a tonneau cover secured to a
cargo box of a pickup truck, the
pickup truck cargo box having a
plurality of upwardly extending
- 35 walls, said plurality of upwardly
extending walls including left and
right side walls, a front wall and a
rear end gate wall, said plurality of
upwardly extending walls at least
- 40 partially defining an interior
compartment of the cargo box; the
method comprising:
- _____ attaching a tonneau cover
- 45 and a tonneau cover attachment
frame having a tonneau cover

adjustment mechanism to the
pickup truck, the tonneau cover
attachment frame including left and
right side rails which are connected
5 to said left and right side walls,
respectively; an elongate tensioning
rail having left and right ends, said
tensioning rail extending from the
left side rail to the right side rail, the
10 tonneau cover attached to the
tensioning rail; left and right side rail
attachment bracket mechanisms
connected to said left and right side
rails, respectively; the elongate
15 tensioning rail including left and right
tensioning rail attachment members
engaged with said tensioning rail;
wherein each of said left and right
side rail attachment bracket
20 mechanisms include a threaded
screw member, and each of the
threaded screw members are
positioned and arranged such that a
force can be placed on the elongate
25 tensioning rail by each of the
threaded screw members as each
said screw member is adjustably
manipulated to drive the tensioning
rail away from the respective
30 attachment bracket mechanism,
thereby placing greater tension on
the tonneau cover; and

manipulating the respective
35 attachment bracket mechanisms so
as to drive the tensioning rail away
from the respective attachment
bracket mechanism, thereby placing
greater tension on the tonneau
40 cover following the step of attaching,
at such time as it is desireable to
place a greater tension on the
tonneau cover.

45 32. (New) A method of
maintaining an appropriate tension

on a tonneau cover secured to a
cargo box of a pickup truck, the
pickup truck cargo box having a
plurality of upwardly extending
5 walls, said plurality of upwardly
extending walls including left and
right side walls, a front wall and a
rear end gate wall, said plurality of
10 upwardly extending walls at least
partially defining an interior
compartment of the cargo box; the
method comprising:

attaching a tonneau cover
15 and a tonneau cover attachment
frame having a tonneau cover
adjustment mechanism to the
pickup truck, the tonneau cover
20 attachment frame including left and
right side rails which are connected
to said left and right side walls,
respectively; an elongate tensioning
rail having left and right ends, said
25 tensioning rail extending from the
left side rail to the right side rail, the
tonneau cover attached to the
tensioning rail; left and right side rail
attachment bracket mechanisms
30 connected to said left and right side
rails, respectively; the elongate
tensioning rail including left and right
tensioning rail attachment members
engaged with said tensioning rail
and positioned and arranged to
35 sliding secure the elongate
tensioning rail to the respective side
rails; wherein each of said left and
right side rail attachment bracket
mechanisms include a threaded
40 screw member, and each of the
threaded screw members are
positioned and arranged such that a
force can be placed on the elongate
tensioning rail by each of the
45 threaded screw members as each
said screw member is adjustably

5 manipulated to drive the tensioning
rail away from the respective
attachment bracket mechanism,
thereby placing greater tension on
the tonneau cover; and

10 manipulating the respective
attachment bracket mechanisms so
as to drive the tensioning rail away
from the respective attachment
bracket mechanism, thereby placing
greater tension on the tonneau
cover following the step of attaching,
at such time as it is desireable to
15 place a greater tension on the
tonneau cover.

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